M. A. R. 57 (Rule 116) **No. E** 487806

Measurement Book

Serial No. 1st and final Bill :-

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Improvements of Roads and footpath Mallasandra Maintenance in ward no-13. Shettyhalli Sub Division.						
	Estimate cost :- 15.00 Lakhs						
	Job code :- 013-18-000084						
	A.S :- EE/DD/AS/19/2018-19,					Dated :- 24.11.2018	
	T.S :- CE/D2/TS/08/2018-19					Dated :- 24.11.2018	
	W.O :- EE/DD/WO/45/2019-20,					Dated :- 20.06.2020.	
	H/A :- P-3296						
	Agency :- KRIDL						

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Pre Measurements

Earthwork excavation by manual means for roads, Drains & similar works in ordinary soil & it is completed as per specification.

for cc patch

Shettyhalli Main Road L.H.S. = 1 * (13.50) * $\left(\frac{1.40+1.50}{2}\right)$ * 0.30 = 5.87

1 x 6.00 x $\left(\frac{1.70+1.80}{2}\right)$ x 0.30 = 3.15

1 x 4.50 x $\left(\frac{2.50+2.50}{2}\right)$ x 0.30 = 3.38

1 x 15.00 x $\left(\frac{1.80+2.05}{2}\right)$ x 0.30 = 8.66

1 x 13.00 x $\left(\frac{2.05+1.90}{2}\right)$ * 0.30 = 7.70

1 x 11.60 x $\left(\frac{0.55+0.80}{2}\right)$ * 0.20 = 1.57

1 x 15.00 x $\left(\frac{1.25+1.20}{2}\right)$ * 0.30 = 5.51

1 x 15.00 x $\left(\frac{1.20+1.70}{2}\right)$ * 0.30 = 6.53

1 x 15.00 x $\left(\frac{1.70+1.45}{2}\right)$ x 0.30 = 7.09

M. A. R. 57 (Rule 116) No. E 487807

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

1 x 13.40 x $\left(\frac{1.45+1.20}{2}\right)$ x 0.30 = 5.33

1 x 7.00 * $\left(\frac{1.00+1.00}{2}\right)$ * 0.30 = 2.21

1 x 15.00 * $\left(\frac{0.60+0.50}{2}\right)$ * 0.20 = 1.65

1 x 15.00 x $\left(\frac{0.50+0.40}{2}\right)$ * 0.20 = 1.35

1 x 15.00 x $\left(\frac{0.40+0.40}{2}\right)$ x 0.20 = 1.20

1 x 6.50 * $\left(\frac{0.40+0.30}{2}\right)$ x 0.20 = 0.46

1 x 15.00 x $\left(\frac{0.50+1.00}{2}\right)$ x 0.20 = 2.25

1 x 15.00 x $\left(\frac{1.00+1.40}{2}\right)$ x 0.30 = 5.40

1 x 13.00 x $\left(\frac{1.40+2.40}{2}\right)$ x 0.30 = 7.41

1 x 15.00 x $\left(\frac{1.00+0.40}{2}\right)$ x 0.20 = 2.10

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For footpath:-						
	Near Reliance fresh =	2	12.80	$\frac{0.40+0.40}{2}$	0.30	3.07	
	For kerb:-						
	Near Reliance fresh =	1	12.80	$\frac{0.45+0.45}{2}$	0.30	1.73	
	For CC flooring:-						
	Pipeline road Pump House Back Side passage =	1	10.00	$\frac{1.50+1.50}{2}$	0.30	4.50	
	For SSM:- =	1	10.60	$\frac{1.00+1.00}{2}$	1.00	10.60	
	Desilting:-						
	9th Cross Kalyana Nagara =	1	11.00	$\frac{0.60+0.60}{2}$	0.42	2.77	
	2nd main Kalyan Nagara =	1	5.60	$\frac{0.60+0.60}{2}$	0.20	0.67	
	6th Cross Prashanth Nagara =	1	15.40	$\frac{0.60+0.60}{2}$	0.45	4.16	
	1st Main Ravindra Nagara =	1	4.20	$\frac{0.60+0.60}{2}$	0.30	0.76	
	1st Cross Ravindra Nagara =	1	2.40	$\frac{0.60+0.60}{2}$	0.30	0.43	

M. A. R. 57 (Rule 116) No. E

Measurement Book

137809

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9th cross Santhosh Nagara =	1	10.80	$\frac{0.60+0.60}{2}$	0.30	1.94	
	4th Main Ravindra Nagara =	1	5.40	$\frac{0.60+0.60}{2}$	0.30	0.97	
	Vishal school Road =	1	10.60	$\frac{0.60+0.60}{2}$	0.45	2.86	
	5th Cross Vijaya lakshmi Layout =	1	9.00	$\frac{0.60+0.60}{2}$	0.30	1.62	
	11th cross BHEL Mini colony =	1	7.80	$\frac{0.60+0.60}{2}$	0.30	1.40	
	Kodava Samaja =	1	3.00	$\frac{0.60+0.60}{2}$	0.45	0.81	
	Harshita Bar Near Selection Corner =	1	5.40	$\frac{0.60+0.60}{2}$	0.30	0.97	
	10th cross Iyyappa 40 =	1	11.40	$\frac{0.60+0.60}{2}$	0.40	2.74	
	1st Cross BHEL minicolony =	1	5.40	$\frac{0.60+0.60}{2}$	0.30	0.97	
					Present Qty =	196.13	195.00

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For SSM:-						
	Below the Ground Level =	1	10.60	$\left(\frac{1.50+1.50}{2}\right)$	0.15	= 2.39	
				present Qty =		64.47	
	Quantity Limited to "Schedule B" Qty =					63.30 Cum	
	Rate @ Rs. 5509.33 /Cum =					Rs. 348740.08 /	
	(3) Providing and laying plain / reinforced cement concrete for side drains using M nominal Mix concrete with OPC at 300 kgs. with 20 mm and down size granite complete as per specification.						
	For Vent portion Concrete:-						
	Near Udupi Hotel Pipeline Road =	1	12.00	(0.60)	0.15	= 1.08	
		1	30.00	0.60	0.15	= 2.70	

M. A. R. 57 (Rule 116) No. E 437812

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	=	1	30.00	0.60	0.15	= 2.70	
	=	1	18.00	0.60	0.15	= 1.62	
	Near Reliance fresh =	1	12.80	0.60	0.15	= 1.15	
	For footpath:-						
	Near Udupi Hotel pipeline Road =	1	90.00	0.40	0.15	= 5.40	
	For Deck:-						
	Near Reliance fresh =	1	12.80	1.00	0.23	= 2.94	
	For footpath:-						
	Near Reliance fresh =	2	12.80	0.40	0.15	= 1.54	
	For Coping:-						
	SSM =	1	10.60	0.60	0.10	= 0.64	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For Drain Coping :-						
	9th Cross Kalyana Nagara =	2	11.00	0.15	0.10	0.33	
	2nd main Kalyana Nagara =	2	5.60	0.15	0.10	0.17	
	6th Cross Prashanth Nagara =	2	15.40	0.15	0.10	0.46	
	1st Main Ravindra Nagara =	2	4.20	0.15	0.10	0.13	
	1st Cross Ravindra Nagara =	2	2.40	0.15	0.10	0.07	
	9th Cross Santhosh Nagara =	2	10.80	0.15	0.10	0.32	
	4th Main Ravindra Nagara =	2	5.40	0.15	0.10	0.16	
	Vishal School Road =	2	10.60	0.15	0.10	0.32	
	5th Cross Vijaya Lakshmi L/O =	2	9.00	0.15	0.10	0.27	
	11th Cross BHEL Minicolony =	2	7.80	0.15	0.10	0.23	
	Kodava Samaja =	2	3.00	0.15	0.10	0.09	
	Harshita Bar Near Selection Grade =	2	5.40	0.15	0.10	0.16	
	10th Cross Iyyappa L/O =	2	11.40	0.15	0.10	0.34	

M. A. R. 57 (Rule 1[illegible])
Measurement Boo[illegible]. E
487813

Serial No. .....
Name of work ..... From .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Cross BHEL Mini Colony =	2	5.40	0.15	0.10	0.16	
					Present Qty =	22.99	
	Quantity limited to "Schedule B" Qty =					22.53 cum.	
	Rate @ Rs. 7189.42 /cum =					16197[illegible]/-	
	EXECUTIVE ENGINEER - E Bangalore Mahanagara Palike, Bangalore-57.						
(4)	Steel reinforcement for R.C.C. work including straightening, c[illegible] bending, hooking, placing in position, lapping and/or welding wherever req[illegible] tying with binding complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1 × 30.00 ×			0.20 =	6.00	
		1 × 30.00 ×			0.20 =	6.00	
		1 × 18.00 ×			0.20 =	3.60	
	Near Reliance fresh (Outside)	1 × 12.80 ×			0.40 =	5.12	
	Near Reliance fresh (Footop)	1 × 12.80 ×			0.20 =	2.56	
					Present Qty =	61.685 Sqm	
	Rate @ Rs. 84.80 / sqm =				Rs. 5230.46 /-		
					Sub total =	1288790.96	1288640 = 00
					GST charges 12% =	154654.81	154636 = 00
					KRIDL charges 4% =	51551.60	51545 = 00
					Grand Total =	1494996.47	1494821 = 00

Certificate:-

① This is certifies that the above work done satisfactorily.

② The above Bill amount is not claimed in any of previous Bills.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ ಮಹಾನಗರ ಪಾಲಿಕೆ ಬೆಂಗಳೂರು

Audited and admitted for Rs. 1494821=00

Passed by Cheque for Rs. 1318416=00

Thirteen Lakh Eighteen thousand Four Hundred Sixteen only

176405 = 00

by ac

Asst. Engineer

Accounts Superintendent / Divisional Accountant

M. A. R. 57 (Rule 116) No. E 487820

Measurement Book

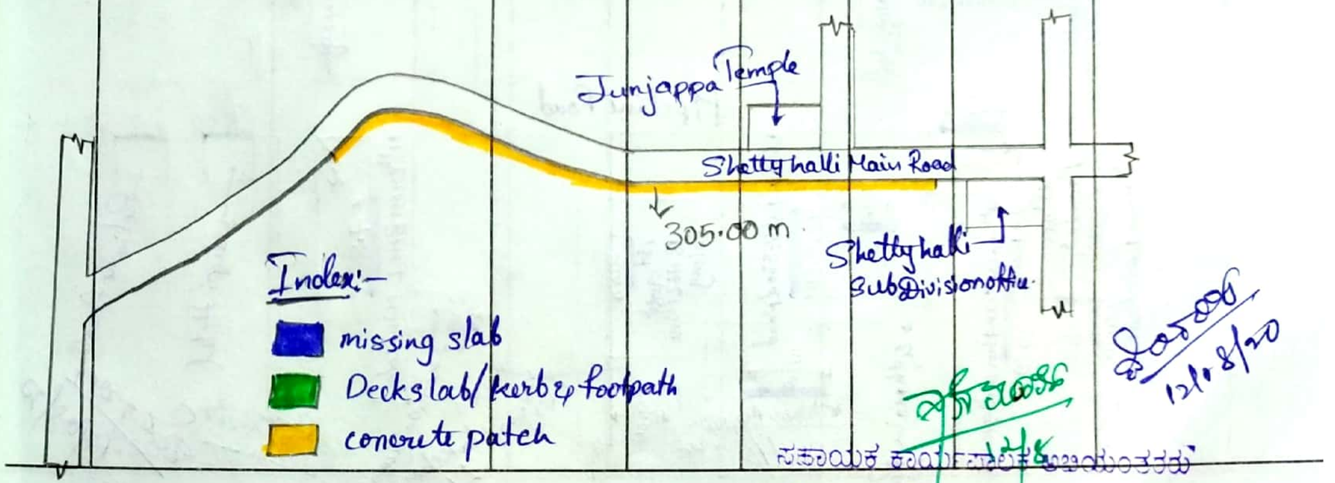
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಬೆಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Serial No. .....
Name of work ..
Name of Contra
Date of commer

Date	Ful
1